

# HF Happenings 442

South African Radio League 1925 - 2010 Suid-Afrikaanse Radioliga  
Member Society of the International Amateur Radio Union Region 1

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*12 and 13 February, SARL National Field Day*  
*27 February, SARL Digital Contest*  
*Find the rules in the 2011 SARL Contest Manual*



## *First edition of Practical Wireless*

The first issue of Practical Wireless, published over 78 years ago, is available on the web in PDF format. Practical Wireless number 1 published 24 September 1932 is available for download at [http://www.wikiradio.org.uk/wiki/images/3/35/Practical\\_Wireless\\_Issue\\_01.pdf](http://www.wikiradio.org.uk/wiki/images/3/35/Practical_Wireless_Issue_01.pdf). It is 9 MB in size.

## *Voice of Russia on 7200 kHz*

On the IARU Region 1 website, DJ9KR reports that the Voice of Russia is transmitting on the exclusive Amateur Radio frequency 7200 kHz. The report says, "Since February 1st, 2011 the Russian BC Radio Station "Golos Rossiye" (= Voice of Russia) is transmitting programs in Russian language on the exclusive Amateur Radio frequency 7200 kHz with quite high power.

This is causing very harmful interference to the Amateur Radio Service world wide, which has an exclusive allocation for the range 7000 - 7200 kHz. The location of the transmitter is St Petersburg, RUS. The transmissions are from 08:00 - 15:00 UTC with S9 +35 dB in my shack. My antenna is a dipole."

In an e-mail dated 8 February 2011, Uli, DJ9KR, reports that he received confirmation from 'Voice of Russia' that they will move from 7200 to 7265 kHz.

## *SARL National Field Day*

The first leg of the 2011 SARL National Field Day will start at 10:00 UTC (12:00 CAT) on Saturday 12 February and it will end at 10:00 UTC (12:00 CAT) on Sunday 13 February. Participants may use phone, CW and digital modes on 160 to 10 metres, excluding 30, 17 and 12 metres.

What have you done today for Amateur Radio to make you proud?





## February 2011

### **12 & 13 - SARL National Field**

**Day;** CQ WW RTTY WPX Contest; Dutch PACC Contest

14 - Valentine's Day

19 & 20 - ARRL International DX CW Contest

25 to 27 - CQ 160-Metre SSB Contest

### **27 - SARL Digital Contest**

26 & 27 - UBA DX CW Contest; North American RTTY QSO Party

## March 2011

5 & 6 - ARRL International DX SSB

6 - DARC 10-Metre Digital

### **6 - SARL Hamnet 40 m Simulated Emergency Contest**

8 - International Women's Day (not in South Africa)

11 & 12 - SARL Strategic Indaba, Gauteng

### **12 - March Madness YL Sprint**

12 & 13 - RSGB Commonwealth Contest

13 - North American RTTY Sprint

14 - Commonwealth Day

17 - St Patrick's day

19 - Programming in Windows, Cape Town

### **19 & 20 - SARL VHF and UHF Analogue / Digital Contest**

19 to 21 - BARTG HF RTTY Contest

21 - Human Right's Day; Spring Equinox

22 - World Water Day

23 - World Meteorological Day

25 - Inland schools close

### **26 - SA AMSAT Symposium, Gauteng**

26 & 27 - CQ WW WPX SSB Contest

### **30 - SARL 80 m Club Contest, digital**

There are five classes of participation catering for multi-operator (club), single operator and general stations. The exchange is made up of the number of transceivers, the class of participation and your provincial abbreviation. Logs must be submitted by Monday 21 February to the Bloemfontein RAC by e-mail or standard mail.

It is very important that participants will read the rules for this contest before the start of the Field Day; find the rules on page 25 to 29 of the 2011 SARL Contest Manual.

Send a photograph or two of your Field Station with your log submission, it may make the cover of Radio ZS!!

The Bloemfontein RAC are planning a field station in the vicinity of an Anglo-Boer War Blockhouse, the Tree of Conspiracy / Boom van Sameswering (S29 16.556 E26 11.072) and a President's home. The sight has also been used for a film screened on M-Net.

### *Correction - SARL 80 M Club Contest, Phone*

The committee received 15 logs from four radio clubs for the first SARL 80 metre Club contest. The item on SARL News on Sunday 6 February was correct.

1<sup>st</sup> West Rand ARC, 152 points from 9 logs

2<sup>nd</sup> Antique Wireless Association, 46 points from 4 logs

3<sup>rd</sup> Port Elizabeth ARS, 17 points from 1 log

4<sup>th</sup> Sandton ARC, 9 points from 1 log

The busiest participant was ZS6PVT of the West Rand ARC with 34 points, followed by two other West Rand members, Kieth, ZS6AGF, 26 points and Wes, ZS2A, with 25 points.

### *Results of the 2011 Summer QRP Sprint*

Geoff, ZS6GRL, reports that fifteen (15) logs were received which showed that at least 72 stations were on the air. Of the fifteen received logs, five stations operated both modes (SSB and CW).

All the divisions were active as well as 2 DX stations. The divisional split between the various license classes are as follows:-

Div 1: 4 x ZS; 1 x ZU; Div 2: 4 x ZS; 1 x ZR; Div 3: 3 x ZS; Div 4: 3 x ZS; 2 x ZR; Div 5: 9 x ZS; 2 x ZU and Div 6: 36 x ZS; 5 x ZR; 2 x ZU





Looking at the above, one wonders where all the ZR and ZU stations were hiding. In total 255 contacts were made of which 234 were voice and 21 CW.

The results are as follows:

- 1<sup>st</sup> West Rand ARC, ZS6WR, 792 points
- 2<sup>nd</sup> Pierre van Deventer, ZS6A, 768 points
- 3<sup>rd</sup> Johan Visagie, ZS6AF, 720 points
- 4<sup>th</sup> Derek Stuart, ZS2J, 675 points
- 5<sup>th</sup> Pieter Jacobs, ZS6XT, 560 points
- 6<sup>th</sup> Stephan Stuttard, ZS6SKY, 528 points
- 7<sup>th</sup> Eddie Leighton, ZS6BNE, 240 points
- 8<sup>th</sup> Stewart Moss, ZS6SGM, 234 points
- 9<sup>th</sup> Mario Mangiagalli, ZU6TAN, 180 points
- 10<sup>th</sup> Johan Kramer, ZS5J, 168 points
- 11<sup>th</sup> Renier Burger, ZU6HOT, 165 points
- 12<sup>th</sup> RE Crouch, ZS6RBJ, 150 points
- 13<sup>th</sup> Romeo Nardini, ZS6ARQ, 140 points
- 14<sup>th</sup> Pam Momberg, ZS6APT, 88 points
- 15<sup>th</sup> Theunis Potgieter, ZS2EC, 60 points

Congratulations to all who submitted a log and well done the West Rand ARC!

### *Marion Island, ZS8 Update*

Pierre, ZS1HF/ZS8M, continues to be active most days, mainly 20 and 17 metre SSB. Pierre has released another newsletter from Marion Island, where he provides more great pictures, along with more details about the island happenings and activities on the island. He also has a section in his newsletter called "Humans and seals do not mix!" If you have a weak stomach, you may not want to see these pictures. Pierre states that during breeding season the seals become extremely aggressive. Someone found out and got 25 stitches later! His newsletter can be found online at <http://www.iz8epy.it/html/zs8m.html>

Lastly, Pierre mentions the following four items:

- Our Polar Supply ship will be arriving on 15 March with a team of maintenance people. At this stage I assume my operation will be down scaled, especially the SSB operation.
- The ship returns to Cape Town on 19 April to collect the new team, including fuel and food for the next year.
- The ship departs Cape Town on 5 April for Marion Island and arrives 11 April with the new team.
- I expect the ZS8M operation will cease officially on 11 April 2011.

### *A new British Yagi antenna company launches 1 March 2011*

On 1 March 2011, Justin Johnson, GOKSC, launches InnovAntennas Limited to fill a niche in the global antenna market; high-quality design and construction in one package.

Justin has become well known globally for his LFA (Loop Fed Array) Yagi and the marked impact it has had upon specialist areas such as EME (Earth Moon Earth) communication. He also introduced the OWL (Optimised Wideband Array) Yagi to the world with its combination of high-performance and wide bandwidth to the amateur radio community last year.

Like the many other manufacturers that have already adopted the GOKSC designs (under license), InnovAntennas will produce a wide range of these antennas in addition to the unre-







leased OP-DES (Opposing Phase Driven Element System) Yagi which has been specifically designed to cover individual HF bands in their entirety without the need for an ATU or antenna matching device which can badly effect the efficiency and performance of Yagi antennas.

Mechanically, InnovAntennas will aim for the top-end of the market, complementing the quality electromagnetic designs which have been created with Advanced packages such as FEKO, a specialist electromagnetic design tool which uses Particle Swarm computer Optimisation techniques and has the ability to model all aspects of the antenna including insulators, booms, buildings and even the effects people around the antenna will have.

The InnovAntennas website provides in-depth information on each and every antenna in the range although the team are very happy to discuss any requirements individuals may have and will pay for the call too!

InnoAntennas can be contacted on freephone 0800 0124 205 or via their website, [www.innovantennas.com](http://www.innovantennas.com) - [info@innovantennas.com](mailto:info@innovantennas.com)

### *Icom America releases new IC-7410 HF and 6 M amateur radio transceiver*

Icom America announces the new IC-7410 amateur radio transceiver, featuring advanced digital capabilities normally found in much higher cost rigs.

"The 7410 brings superior DSP speed and capability to a rig that's priced and designed for everyday use," says Ray Novak, National Amateur Marketing Manager for Icom America. "The 7410 represents a major upgrade in performance over its predecessor, the 746PRO. These rigs may look and operate alike - which is very much intentional - but the new kid is definitely much faster."

How much faster? The MFLOPS speed of the 7410's DSP chip is up to 20 times faster than the older unit.

This specialized HF rig employs the same high-grade DSP unit and double conversion super-heterodyne system developed from the latest technology used in the IC-7800/IC-7700/IC-7600 series. In addition, when used with the optional FL-430 and FL-431 filters, narrow mode signals are protected from adjacent inband signals. The 3 kHz first IF filter is especially effective in the CW and SSB modes. Like its IC-7600 big brother, the 7410 sports an impressive +30 dBm third-order intercept point (IP3) in 14 MHz.

Today's radio amateur often combines the capabilities of a transceiver with a PC to maximize operating speed, efficiency and enjoyment. The IC-7410 comes with a standard type B USB connector on its back panel. Modulation input, audio output, RTTY demodulator output and CIV command can be controlled via the USB cable. In addition, a conventional CI-V remote control jack is built in to the IC-7410.

The 7410 is built rugged, with an impressive, one-piece cast aluminium heat sink to efficiently reduce normal operating temperatures. A high stability TCXO crystal oscillator provides  $\pm 0.5$  ppm of high frequency stability over a wide temperature range (0 °C to + 50 °C) for many hours of operating enjoyment.

The rig is sized just right to set atop a desk in a den or shack, or grab and take mobile. Icom has several speakers and power supplies designed to match the look and feel of the radio,





adding to the handsome look of a modern operating station. However, the 7410 need not be a shut-in: at only 22½ pounds, the 7410 is surprisingly convenient to carry to your Field Day or other amateur radio event.

Already FCC approved, the IC-7410 is still pending delivery to the US market and a recommended retail price. Several new accessories include the SM-30 desktop microphone and the before-mentioned FL-430 and FL-431 1st stage IF filters for HF/6 meters - the FL-430 for 6 kHz and the FL-431 for 3 kHz.

Also coming soon for the 7410 is optional remote control software. The RS-BA1 allows you to use the IC-7410 from another room using your home network or even from a remote location over the Internet. Most settings such as filter width, AGC constant, etc, can be controlled from your PC. Pricing for this new accessory is not yet available.

The IC-7410 will fill a nice price/performance niche between the very capable and DXers favourite IC-7600, and the military-rugged, go-anywhere IC-7200. For more information on the IC-7410 and about Icom in general, visit the [IC-7410 product page](#)

### *1st birthday edition of Monitoring-Matters*

The 1st anniversary issue of Monitoring-Matters - the on line magazine which replaced Monitoring Monthly, is now available. In addition to the usual sections, there is a £25 reduction off the cost of a Mode S Virtual Radar Receiver for readers. Details at: [www.monitoring-matters.com](http://www.monitoring-matters.com)

### *DXCC Desk Approves 9XOSP Rwanda 2010 DXpedition*

ARRL DXCC Manager Bill Moore, NC1L, reports that the 9XOSP 2010 DXpedition to Rwanda has been approved for DXCC credit. "If you had cards that were recently rejected for this operation, please send an e-mail to the ARRL DXCC Desk," Moore said. He added "Please note that due to extremely heavy e-mail, DXCC staff may not respond to your message. Once your record is updated, results will appear in Logbook of The World (LoTW) accounts or in the live, daily DXCC Standings.

### *Revillagigedo, 4A*

Santos, EA4AK, sent out a press release announcing a DXpedition to Revillagigedo (XF4) during March. The assigned call sign will be 4A4A and the DXpedition's web site is <http://www.revillagigedo2011.com>. The team leader and DXpedition organiser is Marcos, XE1B, and the QSL Manager is David, EB7DX, see <http://www.eb7dx.com>. Confirmation will only be DIRECT and LoTW. A team of nine operators will operate from "Isla Socorro" (officially "Benito Juarez" Island) between 3 and 30 March. The island's reference numbers are IOTA NA-030, WAZ Zone 6, ITU Zone 10, Grid Locator DK48ms and located approximately at Longitude 111° West and Latitude 18° 46' North. Sunrise will be around 13:20 UTC and Sunset around 01:00 UTC. Currently the team consists of Marcos, XE1B (Team Leader and SSB), Santos, EA4AK (Logistic and SSB), Vicente, EA5AFP (CW), Fernando, EA5FX (CW), Francisco, EA5KM (CW), Javier, EC4DX (SSB), Edu, EA8AUW (SSB and Digi) and Alejandra Ortiz (Geology and Photography).

Activity will be on 160 - 10 metres, possibly 6 metres, using CW, SSB and the Digital modes. They plan to have a CW team and a SSB team operating simultaneously on the air at all times. Yagis will be used for the higher bands and verticals for the lower bands. Efforts are being made to bring some linear amplifiers to the island. Santos, EA4AK, states, "Because propagation conditions are still low or average we must make a special effort to optimise the DX windows. I have prepared some 'propagation movies' (one for each band) for Revillagigedo to help





those with less experience estimating the best times/bands to work 4A4A. You can see the movies on my YouTube 'channel' at <http://www.youtube.com/user/EA4AK>"

The press release also mentions, "The licenses and permits for the 4A4A DXpedition have taken long time to obtain due to the complexity of this archipelago. Revillagigedo is a natural reserve, a protected reserve of the biosphere. Only visits or expeditions of scientific nature are permitted by the relevant Mexican authorities (a prestigious Mexican geologist will travel with the team to perform studies of natural life interest while 4A4A is running). In addition, it is an emplacement of military interest, and tightly under the control and supervision of military authorities. These two permits from those two mentioned authorities are absolutely necessary before proceeding to request an amateur radio operating license to the telecommunications authorities." This 4A4A DXpedition is exclusively financed by the personal financial effort of the team of operators. The team is looking for some support from sponsors, clubs or other organizations. See the official Web site (provided above) for details on how to help them. Santos, EA4AK, has also provided a few links for interest:

- \* A Twitter Page for updates <https://twitter.com/EA4AK>

- \* Various maps and images of Isla Socorro and Revillagigedo, on EA4AK's Picassa album <https://picasaweb.google.com/EA4AK.Santos/4A4AVARIOS#>

- \* All the JPG images of those propagation movies can be more carefully scrutinised at the Picassa album on <https://picasaweb.google.com/EA4AK.Santos/4A4APROPAGATIONIMAGES#>

## *African DX*

Ghana, 9G. Operators Rob, PA3DEW, and Vincent, PA3FQX, will once again be active as 9G1AA from Dorma Ahenkro Hospital in Ghana between 1 and 20 March. Activity will be mainly on 20 and 15 metres SSB. QSL via PA3ERA.

Eritrea, E3. It looks like a E30 DXpedition is planned for 2012. The last operation, E30GA, took place from Asmara in November 1998. Currently the information is limited - no operators and specific dates were provided. The only thing available via the below Web page is activity will be on 160 - 6 metres, including 30, 17 and 12 metre bands, with operations on CW, SSB and RTTY. The unknown team will have at least four stations on the air at the same time on different bands and modes. The call sign is also not clear on the Web page (is it E30A or E30AA). However, the below Web page states, that the QSL Manager for E30A is S52RU. The Web for the 2012 DXpedition (still under construction) is <http://www.seecc.net/Eritrea2012/index.html>. There is a survey for "bands needs" available on the Web page. Hopefully, more info will be forthcoming. Stay tuned!

Morocco, CN. Ron, W3PV, is active as CN2PV from Rabat, mostly in CW on 40 m and will stay there until 1 May. QSLs via bureau or direct to his homecall.

Chad, TT. Baldur, DJ6SI, is travelling to Africa again from 14 to 24 February. This time he will show up as TT8DX mostly on CW. As usual, the QSLs should be sent direct or via bureau to his home call.

Cameroon, TJ. Several members of the F6KOP Team and the Clipperton DX Club will be active as TJ9PF from Cameroon from 10 to 20 February. Their QTH will be Kribi, directly at the beach. The following team members know each other already from former DXpeditions: Frank, F4AJQ (DXpedition leader), Seb, F5UFX (deputy team leader), Michel, FM5CD, "Wild Bill", N2WB, Fave, K4SV, Gabriele, I2VGW, Eric, ON7RN, Bob, N6OX, Alain, F6ENO, Jean-Paul, F8BJI, Jean-Luc,





F6BIV, Michel, F5EOT, John, F5VHQ, Gerard, F2JD, Norbert, DJ7JC, Yan, F1NGP, Mathieu, F5PED, and Henri, F1HRE.

The team will work on SSB, CW, RTTY and PSK on 160 - 10 m. They will use six stations: 5 x FT-450, 1 x K3, 6 x Acom 1010. Antennas - Spiderbeams, 3 x 5-band, 1 x 3-band, 1 x WARC vertical, antennas for 20, 30, 40, 80 and 160 m. Lowbands: Depending on the local conditions they will put up one or two beverages and a K9AY antenna. Their goal for this DXpedition is 80 000 QSOs with focus on lowbands and digital modes.

Their QSL manager will be Didier, F5OGL, and the pilot station is F6AML. Further information can be found on their website <http://www.tj9pf.fr>. The following preferred frequencies were announced (in kHz):

Band	CW	SSB	RTTY	PSK
-----				
10 m	28024	28480	28082	28122
12 m	24892	24960	24918	24920
15 m	21024	21270	21082	21072
17 m	18071	18140	18102	18100
20 m	14024	14145	14087	14072
30 m	10104	10142	---	10142
40 m	7020	7120/7075	7038	7035
80 m	3524	3785	3585	3570
160 m	AS/OC: CW: TX: 1826.5 - RX: 1821.5			
	SSB: TX: 1850 - RX: 1838			
	RTTY: TX: 1842 - RX: 1838-1842			
	EU: TX: 1832.5 - RX: 1834.5			
	NA/SA: TX: 1832.5 - RX: 1834.5			

### *African Islands on the Air*

Madeira Islands, CR3/CT9. Operators Ulf, DL5AXX, Tom, DL5LYM, Jan, DL7JV, Frank, DL8WAA, and Falk, DK7YY, will be active as CR3L from Santana, Madeira Island (AF-014) during the ARRL DX CW Contest (19 and 20 February) as a Multi-2 entry. QSL via DJ6QT. Operators will probably be active as CT9/home call before and after the contest. Checkout the CR3L station's Web page at <http://www.cr3l.de>

Canary Islands, EA8. Per, LA5EAA, will be active as EA8/LA5EAA between 13 and 26 February. Activity during the first week will be from the Island La Gomera (DIE S-014, WLOTA 1526), and the second week from the Island of Tenerife (DIE S-012, WLOTA 1276). Both islands are IOTA AF-004). He plans to operate holiday style using an Yaesu FT-817 transceiver (5 w QRP) and wire antennas on the HF bands, mainly CW. QSL via his home call sign.

### *Special Event Stations*

France. Francois, F8DVD, will be active as TM8AAW during the eighth Antarctic Activity Week from 12 to 28 February. The call sign has the WAP reference 199. Activities will take place mainly in SSB on 40 - 10 m. QSL via F8DVD, direct or via bureau. More information is available at: <http://tm8aaw.monsite-orange.fr>







Switzerland, HE3. Members of the Rav Radio Amateurs of Vaudios (HB9MM) will activate the special callsign HE3OM from Sottens during the month of February. Sottens is a small village where the last medium waves transmitter active in Switzerland was located. It stopped its emissions on 31 December 2010, at 23:59 local time. Permission has been granted to the "Radioamateurs Vaudois" club to use the 2 giant antennas for amateur purposes. The call sign HE3OM was chosen for the following reasons:

- \* The prefix HE3 has already been used in 2004, when the shortwave transmitter in Sottens went off the air. At that time the special call sign was HE3RSI.
- \* The suffix OM in French means Ondes Moyennes, mediumwaves.
- \* Also, OM are the initials of Option Musique, the last program that was transmitted over these big antennas.

The tallest antenna, 188 meters high, is used on the HF bands, especially the lower bands like 160 and 80 m. The "small" mast, 125 meters high is connected to the VLF station transmitting on the 137 kHz amateur band. QSL HE3OM via HB9TOB. For more details, see <http://www.hb9mm.com/sottens>

New Zealand, ZL50. Look for Graeme, ZL1ANH, to be active as ZL50GH during the year 2011. Activity is to celebrate his 50th anniversary of being a licensed radio amateur. QSL via his home call sign, by the Bureau or direct. Also, via LoTW.

Added Reminder: Members of the Papakura Radio Club (ZL1VK), NZART Branch 65 in South Auckland, will activate the special event call sign ZL50VK between now and 31 March. Activity is to celebrate the 50<sup>th</sup> anniversary of the club. Look for logs to be uploaded to LoTW and Club Log. QSL via ZL1VK. Visit their Web page at <http://www.qsl.net/zl1vk>

Please Note - these are New Zealand stations and NOT Antarctica (ZL5) call signs.

## *Contest Calendar*

This week's contests compiled by Bruce Horn, WA7BNM. The period covered is 7 to 14 February 2011.

### ARS Spartan Sprint

02:00 - 04:00 UTC 8 February

Mode: CW

Bands: 80, 40, 20, 15 and 10 m

Classes: Skinny; Tubby

Max power: 5 watts

Exchange: RST, state, province or country and power

Work stations: Once per band

Submit logs by: 10 February 2011

E-mail logs to: spartan-sprint[at]yahoo[dot]com

Mail logs to: (none)

Find rules at:

[http://adventure-radio.org/wiki/index.php?title=Spartan\\_Sprint\\_Rules](http://adventure-radio.org/wiki/index.php?title=Spartan_Sprint_Rules)

NAQCC Straight Key/Bug Sprint

01:30 - 03:30 UTC 9 February

Mode: CW

Bands: 80, 40 and 20 m

Classes: (none)

Max power: 5 watts

Exchange: RST, state, province or country and NAQCC no or power

Work stations: Once per band

QSO Points: 1 point per QSO with non-member; 2 points per QSO with member

Multipliers: Each state, province or country once

Key Type Mult: 2 x if straight key, 1,5 x if bug, 1 x if other

Score Calculation: Total score = total QSO points x total mults x key type mult

Submit logs by: 23:59 UTC 12 February 2011

E-mail logs to:

naqcc33[at]windstream[dot]net

Upload log at:







<http://naqcc.n4lcd.com/sprintlog.html>

Mail logs to: John Shannon, K3WWP, 478 E.

High St., Kittanning, PA 16201, USA

Find rules at:

<http://naqcc.info/sprint201102.html>

QRP Fox Hunt

02:00 - 03:30 UTC 9 February

Mode: CW

Bands: 80 m Only

Classes: Single Op - Fox or Hound

Max power: 5 watts

Exchange: RST, state, province or country, name and power output

QSO Points: 1 point per QSO

Multipliers: (none)

Score Calculation: Total score = total QSO points

Submit logs by: 03:30 UTC 10 February 2011

E-mail logs to: (see rules)

Mail logs to: (none)

Find rules at:

[http://www.qrpfoxhunt.org/winter\\_rules.htm](http://www.qrpfoxhunt.org/winter_rules.htm)

CWops Mini-CWT Test

11:00 - 12:00 UTC and 19:00 - 20:00 UTC 9

February and 03:00 - 04:00 UTC 10 February

Mode: CW

Bands: 80, 40, 20 m

Classes: Single Op - QRP, Low or High

Max power: HP: >100 watts; LP: 100 watts;

QRP: 5 watts

Exchange: Member: Name and member no  
non-Member: Name and state, province or country

Work stations: Once per band

QSO Points: 1 point per QSO

Multipliers: Each call once

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 04:00 UTC 12 February 2011

Post log summary at:

<http://www.hornucopia.com/3830score/>

Mail logs to: (none)

Find rules at:

<http://www.cwops.org/onair.html>

NAQCC-EU Monthly Sprint

18:00 - 20:00 UTC 9 February

Mode: CW

Bands: 80, 40 and 20 m

Classes: Single Op

Max power: 5 watts

Exchange: RST, country and NAQCC no or power

Work stations: Once per band

QSO Points: 1 point per QSO with non-

member; 2 points per QSO with member

Multipliers: Each country in Europe; First country in each continent worked other than Europe

Key Type Mult: 2 x if straight key, 1,5 x if bug, 1 x if other

Score Calculation: Total score = total QSO points x total mults x key type mult

Submit logs by: 20:00 UTC 12 February 2011

E-mail logs to: submitlog[at]naqcc-eu[dot]org

Upload log at:

<http://www.naqcc-eu.org/autologger/>

Mail logs to: M Ireland MW3YMY, Pen-y-Gadlas, Ffordd Bryniau, Meliden, Prestatyn, Denbighshire LL19 8RD, UK

Find rules at:

<http://naqcc-eu.org/SprintHelp/SprintRules.pdf>

QRP Fox Hunt

02:00 - 03:30 UTC 11 February

Mode: CW

Bands: 40 m Only

Classes: Single Op - Fox or Hound

Max power: 5 watts

Exchange: RST, state, province or country, name and power output

QSO Points: 1 point per QSO

Multipliers: (none)

Score Calculation: Total score = total QSO points

Submit logs by: 03:30 UTC 12 February 2011

E-mail logs to: (see rules)

Mail logs to: (none)

Find rules at:

[http://www.qrpfoxhunt.org/winter\\_rules.htm](http://www.qrpfoxhunt.org/winter_rules.htm)

NCCC Sprint Ladder

02:30 - 03:00 UTC 11 February

Mode: CW

Bands: 160, 80, 40 and 20 m





Classes: Single Op  
Max power: 100 watts  
Exchange: (see rules)  
Work stations: Once per band  
QSO Points: NA station: 1 point per QSO;  
non-NA station: 1 point per QSO with an NA  
station  
Multipliers: Each US state (including KL7 and  
KH6) once per band; Each VE province once  
per band; Each North American country (ex-  
cept W/VE) once per band  
Score Calculation: Total score = total QSO  
points x total mults  
Submit logs by: 13 February 2011  
E-mail logs to: (none)  
Post log summary at:  
<http://www.hornucopia.com/3830score/>  
Mail logs to: (none)  
Find rules at:  
<http://www.ncccsprint.com/rules.html>

YLRL YL-OM Contest  
14:00 UTC 11 February to 02:00 UTC 13 Feb-  
ruary  
Mode: CW/Digital, SSB  
Bands: All  
Classes: (none)  
Max power: HP: >100 watts; LP: 100 watts;  
QRP: 5 watts  
Exchange: QSO no, RS(T) and section, prov-  
ince or country  
Work stations: Once per band per mode  
QSO Points: 1 point per QSO  
Multipliers: Each section, province, country  
once per mode  
Power factor: x 3 for QRP, x 1,5 for LP  
Score Calculation: Total score = total QSO  
points x total mults x power factor  
Submit logs by: 14 March 2011  
E-mail logs to: nOwbv[at]earthlink[dot]net  
Mail logs to: Cheryl Muhr, PO Box 342, Little-  
ton, CO 80160, USA  
Find rules at:  
<http://www.ylrl.org/ylcontests.html>

PODXS 070 Club Valentine Sprint  
20:00 local 11 February to 02:00 local 12 Feb-  
ruary  
Mode: PSK31

Bands: 160, 80 and 40 m  
Classes: OM - QRP or LP; YL - QRP or LP  
Max power: LP: 50 watts; QRP: 5 watts  
Exchange: Name, OM or YL and state, prov-  
ince or country  
Work stations: Once per band  
QSO Points: 1 point per QSO with OM; 2  
points per QSO with YL  
Multipliers: Each state, province and DXCC  
country once only  
Score Calculation: Total score = total QSO  
points x total mults  
Submit logs by: March 4, 2011  
E-mail logs to: w4krn[at]his[dot]com  
Mail logs to: Karen Russo, W4KRN, 7720 Wil-  
low Pond Lane, Nokesville, VA 20181, USA  
Find rules at:  
<http://www.podxs070.com/valentine-sprint>

CQ WW RTTY WPX Contest  
00:00 UTC 12 February to 24:00 UTC 13 Feb-  
ruary  
Mode: RTTY  
Bands: 80, 40, 20, 15 and 10 m  
Classes: Single Op All Band - QRP, Low or  
High - Tribander or Rookie; Single Op Single  
Band - QRP, Low or High - Tribander or  
Rookie; Multi-One; Multi-Two; Multi-Multi  
Max operating hours: Single Op: 30 hours, off  
times of at least 60 minutes; Multi-Op: 48  
hours  
Max power: HP: 1 500 watts; LP: 100 watts;  
QRP: 5 watts  
Exchange: RST and serial no  
Work stations: Once per band  
QSO Points: 1 point per QSO with same coun-  
try on 20, 15 and 10 m; 2 points per QSO with  
same country on 80 and 40 m; 2 points per  
QSO with different countries on same conti-  
nent on 20, 15 and 10 m; 4 points per QSO  
with different countries on same continent on  
80 and 40 m; 3 points per QSO with differ-  
ent continent on 20, 15 and 10 m; 6 points per  
QSO with different continent on 80 and 40 m  
Multipliers: Each prefix once  
Score Calculation: Total score = total QSO  
points x total mults  
Submit logs by: 1 March 2011  
E-mail logs to: rttty[at]cqwpvx[dot]com





Mail logs to: CQ WPX RTTY Contest, PO Box 1877, Los Gatos, CA 95031-1877, USA

Find rules at:

<http://www.cqwpxrty.com/rules.htm>

#### SARL Field Day Contest

10:00 UTC 12 February to 10:00 UTC 13 February

Mode: CW, SSB, Digital

Bands: 160, 80, 40, 20, 15 and 10 m

Classes: Single-Op Field - QRP or High; Multi-Op Field - QRP or High; General

Max power: QRP: 5 watts; non-QRP: >5 watts

Exchange: RS(T) and Category (see rules)

Work stations: Once per band per mode

QSO Points: (see rules)

Multipliers: (see rules)

Score Calculation: (see rules)

Submit logs by: 20 February 2011

E-mail logs to:

zs4bfn[at]netactive[dot]co[dot]za

Mail logs to: SARL Field Day Contest, PO Box 12104, Brandhof, 9324, South Africa

Find rules at:

[http://www.sarl.org.za/public/contests/SARL\\_2011\\_Contest%20Manual\\_issue\\_9.pdf](http://www.sarl.org.za/public/contests/SARL_2011_Contest%20Manual_issue_9.pdf)

#### Asia-Pacific Spring CW Sprint

11:00 - 13:00 UTC 12 February

Mode: CW

Bands: 40 and 20 m

Classes: Single Op Single Radio

Max power: Asia Pacific: 150 watts; Non-Asia Pacific: maximum legal

Exchange: RST and serial no

Work stations: Once per band

QSO Points: Asia-Pacific: 1 point per QSO;

Non-Asia-Pacific: 1 point per QSO with an Asia-Pacific station

Multipliers: Each prefix once

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 19 February 2011

E-mail logs to: apsprint[at]jsfc[dot]org

Mail logs to: (none)

Find rules at:

<http://jsfc.org/apsprint/aprule.txt>

#### Dutch PACC Contest

12:00 UTC 12 February to 12:00 UTC 13 February

Mode: CW, SSB

Bands: 160, 80, 40, 20, 15 and 10 m

Classes: SOAB - CW, SSB or Mixed - Low or High; SOAB Mixed QRP; Multi-Op Mixed; Single Op Single Band CW; Single Op Single Band SSB; SWL

Max power: LP: 100 watts; QRP: 5 watts

Exchange: PA: RS(T) and province; non-PA: RS(T) and serial no

Work stations: Once per band

QSO Points: 1 point per QSO with a PA station

Multipliers: PA provinces once per band

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 15 March 2011

E-mail logs to: pacc[at]dutchpacc[dot]com

Upload log at:

<http://pacc.veron.nl/logsubmission.html>

Mail logs to: PACC Contest Manager, c/o VERON Central Bureau, PO Box 1166, 6801 BD Arnhem, The Netherlands

Find rules at: <http://pacc.veron.nl/>

#### KCJ Topband Contest

12:00 UTC 12 February to 12:00 UTC 13 February

Mode: CW

Bands: 160 m Only

Classes: Single Op; Multi-Op

Exchange: JA: RST and Prefecture/District Code; non-JA: RST and Continent Code (AF, AS, EU, NA, OC, SA)

QSO Points: JA: 1 point per QSO with JA station; JA: 5 points per QSO with non-JA station; Non-JA: 1 point per QSO with JA station

Multipliers: Each JA prefecture/district; JA: each continent

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 13 March 2011

E-mail logs to: kcj-log[at]kcj-cw[dot]com

Mail logs to: H. Shiraki, Goudo, Gifu 501-0105, Japan

Find rules at:







[http://www.kcjcw.com/contest/11\\_topstest\\_rules\\_e.pdf](http://www.kcjcw.com/contest/11_topstest_rules_e.pdf)

#### Louisiana QSO Party

15:00 UTC 12 February to 03:00 UTC 13 February

Mode: CW, Phone

Bands: 160, 80, 40, 20, 15, 10, 6 and 2 m

Classes: CW/Digital Only; Phone Only; Mixed Mode; Rover (LA only)

Exchange: LA: RS(T) and Parish; non-LA: RS(T) and state, province, maritime region or country

Work stations: Once per band per mode

QSO Points: 2 points per phone QSO; 4 points per CW QSO; LA Rovers: add 50 points to score for each parish activated; Bonus: add 100 points to score for working W5YL at least once

Multipliers: LA stations: Each state, province, country once per band per mode; Non-LA stations: Each LA parish once per band per mode

Score Calculation: Total score = (total QSO points x total mults) and bonus points

Submit logs by: 15 March 2011

E-mail logs to: laqso[at]bellsouth[dot]net

Mail logs to: LAQSO Party, 508 Hache St., Houma, LA 70364, USA

Find rules at:

[http://www.qsl.net/kd5wdy/LAQSO\\_/LAQSO\\_Rules/laqso\\_rules.html](http://www.qsl.net/kd5wdy/LAQSO_/LAQSO_Rules/laqso_rules.html)

#### OMISS QSO Party

15:00 UTC 12 February to 15:00 UTC 13 February

Mode: SSB

Bands: 160, 80, 40, 20, 15 and 10 m

Classes: Single Op

Exchange: RS, state, province or country and OMISS no if member

Work stations: Once per band

QSO Points: 2 points per QSO with OMISS member; 1 point per QSO with non-member; Bonus: add 500 points to score if mobile for entire contest

Multipliers: Each US state once; Each VE province once; 1 DX country once

Power: <5 W = x 3, 100 W = x 2, >100 W = x 1

Score Calculation: Total score = (total QSO points x total mults x power mult) and bonus points

Submit logs by: 30 March 2011

E-mail logs to: (none)

Upload log at:

<http://www.omiss.net/Facelift/qsoElectronic.php>

Mail logs to: OMISS QSO Party, c/o James Main, N8FV, 4427 S. Dangel, Muskegon, MI 49444, USA

Find rules at:

<http://www.omiss.net/Facelift/qsoparty.php>

#### New Hampshire QSO Party

16:00 UTC 12 February to 04:00 UTC 13 February and 12:00 - 22:00 UTC 13 February

Mode: CW/Digital, Phone

Bands: All, except WARC

Classes: Single Transmitter - QRP, Low or High; Multi Transmitter/Multi-Operator - Low or High; Single Transmitter/Multi-Operator - Low or High

Max power: HP: >150 watts; LP: 150 watts; QRP: 5 watts

Exchange: NH: RS(T) and county; non-NH W/VE: RS(T) and state or province; DX: RS(T) and "DX"

Work stations: Once per band per mode

QSO Points: 1 point per phone QSO; 2 points per CW/digital QSO; 5 points per phone QSO with a NH bonus point station; 10 points per CW/digital QSO with a NH bonus point station; Bonus Point Stations: W1WQM, W1WMV, W1FZ, K1BKE, K1NCR, N1QC

Multipliers: NH Stations: Each NH county, each state, each VE province and one DXCC country once; non-NH Stations: Each NH county once

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 31 March 2011

E-mail logs to: n1ix[at]arrl[dot]net

Mail logs to: Dave LeDuc, 26 Tanglewood Dr., Newton, NH 03858, USA

Find rules at:

[http://www.w1wqm.org/blog/wp-content/uploads/2010/11/NH\\_rules1.pdf](http://www.w1wqm.org/blog/wp-content/uploads/2010/11/NH_rules1.pdf)





#### FISTS Winter Sprint

17:00 - 21:00 UTC 12 February

Mode: CW

Bands: 80, 40, 20, 15 and 10 m

Classes: QRP; QRO; Club

Max power: QRO: 100 watts; QRP: 5 watts

Exchange: FISTS: RST, state, province or country, first name and FISTS no; non-FISTS: RST, state, province or country, first name and power

Work stations: Once per band

QSO Points: 5 points per QSO with FIST member; FIST members: 2 points per QSO with non-FIST member

Multipliers: Each US state and VE province once; Each DXCC country once

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 14 March 2011

E-mail logs to: wallad[at]cox[dot]net

Mail logs to: Gil Woodside, WA1LAD, 30 Hill-top Ave., West Warwick, RI 02893-2825, USA

Find rules at:

<http://www.fists.org/sprints.html>

#### RSGB 1st 1.8 MHz Contest

21:00 UTC 12 February to 01:00 UTC 13 February

Mode: CW, SSB

Bands: 160 m Only

Classes: Single Op - CW, SSB or Mixed - UK or Overseas

Exchange: UK: RST, serial no and District Code; non-UK: RST and serial no

QSO Points: 3 points per QSO; 5 additional points for first QSO with each UK district;

UK stations: 5 additional points for first QSO with each country outside of UK

Multipliers: (none)

Score Calculation: Total score = total QSO points

Submit logs by: 23:59 UTC 28 February 2011

Upload log at:

<http://www.rsqbcc.org/cgi-bin/hfenter.pl>

Mail logs to: RSGB-G3UFY, 77 Bensham Manor Road, Thornton Heath, Surrey CR7 7AF, England

Find rules at:

<http://www.rsqbcc.org/hf/rules/2011/r1st-160m-2011.shtml>

#### North American SSB Sprint

00:00 - 04:00 UTC 13 February

Mode: SSB

Bands: 80, 40 and 20 m

Classes: Single Op - QRP, Low or High

Max operating hours: 4 hours

Max power: HP: 1 500 watts; LP: 100 watts;

QRP: 5 watts

Exchange: other station's call, your call, serial no, your name and your state, province or country

Work stations: Once per band

QSO Points: NA station: 1 point per QSO;

non-NA station: 1 point per QSO with an NA station

Multipliers: Each US state (including KL7)

once; Each VE province once; Each North

American country (except W/VE) once

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 19 February 2011

E-mail logs to: (see rules, web upload preferred)

Upload log at:

<http://www.ncjweb.com/sprintlogsubmit.php>

Mail logs to: Jim Stevens, K4MA, 6609 Var-don Ct., Fuquay-Varina, NC 27526, USA

Find rules at:

<http://www.ncjweb.com/sprintrules.php>

#### SKCC Weekend Sprint

00:00 - 24:00 UTC 13 February

Mode: CW

Bands: 160, 80, 40, 20, 15, 10 and 6 m

Classes: (none)

Exchange: RST, name, state, province or country and SKCC no or "NONE"

Work stations: Once per band

QSO Points: 1 point per QSO

Bonus Points: (see rules)

Multipliers: Each state, province, or country once

Score Calculation: Total score = (total QSO points x total mults) and bonus points

Submit logs by: 18 February 2011

Post log summary at:





<http://www.skccgroup.com/sprint/wes/wes-submit.html>

Mail logs to: (none)

Find rules at:

<http://www.skccgroup.com/sprint/wes/>

Classic Exchange, Phone

14:00 UTC 13 February to 08:00 UTC 14 February

Mode: AM, SSB, FM

Bands: 160, 80, 40, 20, 15, 10, 6 and 2 m

Classes: (none)

Exchange: Name, RS, state, province or country and rcvr/xmtr manuf/model

Work stations: Once per band per mode per rcvr/xmtr manuf/model

QSO Points: 1 point per QSO

Multipliers: (see rules)

Score Calculation: Total score = sum(total mode QSO points x total mode mults) and bonus points

Submit logs by: 15 April 2011

E-mail logs to: WQ8U[at]nc[dot]rr[dot]com

Mail logs to: WQ8U, 104 W. Queen St., Hillsborough, NC 27278, USA

Find rules at:

<http://www.classicexchange.org/jan11/jan11a.html>

ARRL School Club Roundup

13:00 UTC 14 February to 24:00 UTC 18 February

Mode: CW/RTTY/Digital, Phone

Bands: All, except 30, 17 and 12 m

Classes: Single Op (I); Club/Multi-Op (C);

School Club/Group (S)

Max operating hours: 24 hours total; 6 hours out of any 24-hour period with off times of at least 30 minutes

Exchange: RS(T), Class - I, C or S and state, province or country

Work stations: Once per mode

QSO Points: 1 point per phone QSO; 2 points per CW/RTTY/digital QSO

Multipliers: States, VE provinces, DXCC countries, 2 x class C QSOs, 5 x class S QSOs and 5 x QSOs with KA2NRR

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 21 March 2011

E-mail logs to: (none)

Mail logs to: School Club Roundup, c/o LI-MARC, PO Box 392, Levittown, NY 11756, USA

Find rules at:

<http://www.arrl.org/school-club-roundup>

## *Next Week's Contests*

ARRL School Club Roundup, 13:00 UTC 14 February to 24:00 UTC 18 February

QRP Fox Hunt, 02:00 - 03:30 UTC 16 February

AGCW Semi-Automatic Key Evening, 19:00 - 20:30 UTC 16 February

RSGB 80 m Club Championship, Data, 20:00 - 21:30 UTC 16 February

QRP Fox Hunt, 02:00 - 03:30 UTC 18 February

NCCC Sprint Ladder, 02:30 - 03:00 UTC 18 February

Russian PSK WW Contest, 21:00 UTC 18 February to 21:00 UTC 19 February

ARRL Inter. DX Contest, CW, 00:00 UTC 19 February to 24:00 UTC 20 February

Feld Hell Sprint, 20:00 - 22:00 UTC 19 February

AWA Amplitude Modulation QSO Party, 23:00 UTC 19 February to 23:00 UTC 20 February

Run for the Bacon QRP Contest, 02:00 - 04:00 UTC 21 February

## *History This Week*

A look back at events that made history this week - compiled by the Summerland Amateur Radio Club of Lismore, NSW and Dennis, ZS4BS. The week starting Monday 7 February 2011.







- 1635 - The Boston Latin School, the first public school building in the American Colonies
- 1879 - First electric arc light used - California Theatre
- 1880 - Edison notes experiments on what would be the 'Edison effect' electron flow
- 1908 - First round-the-world car race begins in New York and ends in Paris in August
- 1915 - First wireless message sent from a moving train and received at a station
- 1923 - Pilotless radio-controlled airplane flew at the E'tampes Aerodrome in France
- 1928 - First transatlantic TV image received, Hartsdale NY
- 1928 - Scottish inventor J Blaird demonstrates colour TV

Items used with acknowledgement to The ARRL Letter, Amateur Radio Newsline, OPDX Bulletin, 425 DX Bulletin, DXNL Bulletin, ARRL DX News, WIA-News, the RSGB News, Southgate ARC and Pete's DX Newsdesk.

Newsletter editors are most welcome to use material from HF Happenings, just remember to acknowledge the source (which could be any one of the names mentioned above). HF Happenings can be provided in MS Word format.

